

Maryland Historical Trust

Maryland Inventory of Historic Properties number: M:15-94

Name: Hawilands Mill Rd over Hawlings River

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u>
Criteria: <u> </u> A <u> </u> B <u> </u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number M: 15-94

SHA Bridge No. M 98 **Name:** Havilands Mill Road over Hawlings River

Location:

Street/Road Name and Number: Havilands Mill Road

City/Town: Brookville **Vicinity** X

County: Montgomery

Ownership: State X County Municipal Other

This bridge projects over: Road Railway X Water Land

Is the bridge located within a designated district: yes X no

NR listed district NR determined eligible district
locally designated other
Name of District

Bridge Type:

Timber Bridge
Beam Bridge Truss-Covered Trestle
Timber-and-Concrete

Stone Arch

Metal Truss

Movable Bridge
Swing Bascule Single Leaf Bascule Multiple Leaf
Vertical Lift Retractable Pontoon

Metal Girder
Rolled Girder Rolled Girder Concrete Encased
Plate Girder Plate Girder Concrete Encased

Metal Suspension

Metal Arch

Metal Cantilever

X Concrete
X Concrete Arch Concrete Slab Concrete Beam
Rigid Frame

Other Type Name _____

Describe Setting:

Bridge M 98 carries Havilands Mill Road over Hawlings River in Montgomery County. Havilands Mill Road runs east and west over the northern flowing Hawlings River. The area immediately adjacent to the bridge has little residential development.

Describe Superstructure and Substructure:

Bridge M 98 is a single span filled concrete arch bridge. The length of the bridge is 43 feet, and it has a clear span measuring 39 feet 10 inches at the springline. The bridge has a rise of approximately 6 feet 7 inches from springline to crown. The rise to run ratio is 26 percent. The spandrel walls are approximately 12 feet in height. The wingwalls are approximately 10 feet by 8 feet. There is a clear roadway width of 16 feet 4 inches, with an overall bridge width of 17 feet 8 inches. The spandrel walls have heavy deterioration and large areas of patching. The walls exhibit efflorescence and reinforcement bar exposure. The abutments exhibit efflorescence and cracking. The arch ring has moderate to heavy cracking throughout the ring. The exterior of the arch ring on both the downstream and upstream sides have heavy scaling and reinforcement bar exposure. According to a 1997 inspection report, the bridge is in satisfactory condition, with a sufficiency rating of 67.9.

The parapets are not original. They are cast in place concrete barriers that measure 43 feet long and 3 feet tall. The parapets are heavily patched and exhibit heavy scaling.

Discuss Major Alterations:

At an unknown date the parapets were removed and replaced by cast in place concrete barriers.

When Built: circa 1920

Why Built: Improvement of lateral corridors

Who Built: State Roads Commission

Who Designed: State Roads Commission

Why Altered: To replace deteriorated parapets

Was this bridge built as part of an organized bridge building campaign?

No, this bridge was not built during an organized bridge building campaign.

Surveyor Analysis:

This bridge may have NR significance for association with:

- ☐ A Events ☐ Person
☐ C Engineering/Architectural

This bridge was determined not eligible by the Interagency Review Committee in March 1996..

Was this bridge constructed in response to significant events in Maryland or local history?

In 1920 the Maryland State Legislature enacted the "Lateral and Post Roads Loan of 1920." The act that created this loan provided that the proceeds were to be used for the construction of rural post roads, lateral roads and the extension of the State Roads System, with the assistance of funds from the federal government and several counties in the State. Half of the loan was used for the purpose construction of lateral roads. This money was apportioned to the counties on the basis of actual road mileage. The counties then matched the State's money with bond issues, special assessments, or other revenue.

Is the bridge located in an area that may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

No this bridge is not located in an area that is eligible for historic designation.

Is the bridge a significant example of its type?

No, this bridge is not a significant example of its type. The loss of the original parapets and the present condition of the character defining element reduces the significance of the bridge.

Does the bridge retain integrity of the important elements described in the Context Addendum?

Although this bridge's character defining elements are intact, they are in a deteriorated state. In addition, the parapets are not original.

Should this bridge be given further study before significance analysis is made and why?

No this bridge should not be given further study.

Bibliography:

County inspection/bridge files _____ X _____ SHA inspection/bridge files _____

Other (list):

Surveyor:

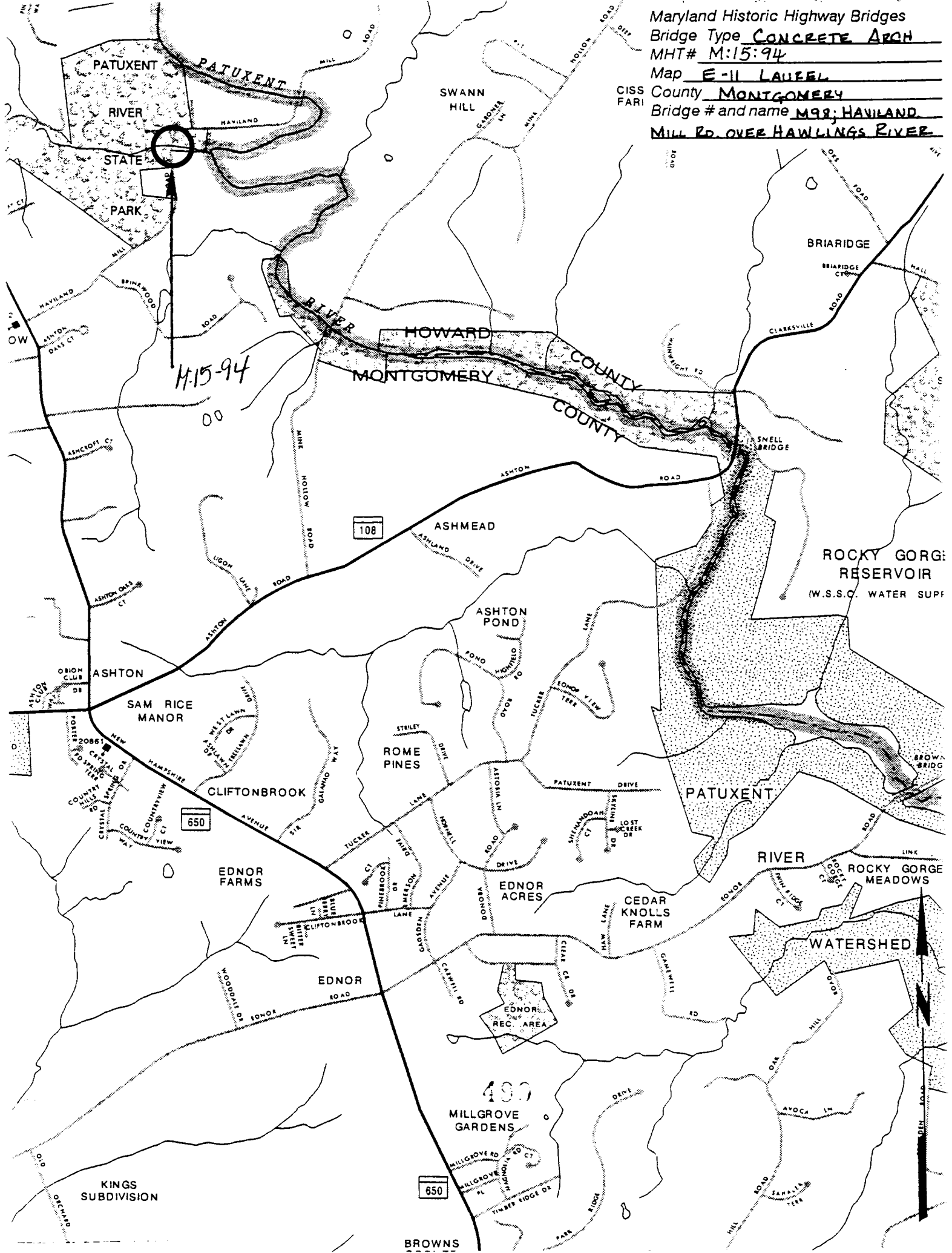
Name: Stacie Y. Webb **Date:** March 1996

Organization: State Highway Admin. **Telephone:** (410) 545-8559

Address: 707 N. Calvert Street Baltimore Maryland

Edited by P.A.C. Spero and Company, December, 1997.

Maryland Historic Highway Bridges
Bridge Type CONCRETE ARCH
MHT# M:15:94
Map E-11 LAUREL
County MONTGOMERY
Bridge # and name M98; HAWLAND
MILL RD. OVER HAWLINGS RIVER





Inventory # M:15-94

Name M98-HAVILANDS MILL RD OVER HAWKINS
RIVER

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH WEST

Number 1 of 4
8 35



Inventory # M:15-94

Name M48 - HAVILANDS MILL RD OVER HAWLING RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION SOUTH

Number ²10 of ⁴35



Inventory # M:15-94

Name M 98 - HAVILANDS MILL RD OVER HAWKINS RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK SUJARVO

Date 2/95

Location of Negative SHA

Description ELEVATION NORTH

34 **4**
Number 1 of 35



Inventory # M.15-94

Name M98 - HAVILANDS MILLRD OVER HAWKING RIVER

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

4 4

Number 11 of 35